DeGolyer and MacNaughton Training Seminar
Coal Bed Methane: From A to Z

Instructor: James R. Weaver, petroleum engineer and vice president at DeGolyer and MacNaughton is an expert in the evaluation of coal bed methane resources. He earned a bachelor's degree in geology from the University of Tulsa in 1978 and a bachelor's degree in petroleum engineering, also from the University of Tulsa, in 1979. He is fluent in German and speaks and reads Spanish and Portuguese. Weaver is a registered engineer and is a member of the Society of Petroleum Engineers. Weaver has spent a significant amount of time evaluating tight gas sands, coal seam gas, and shale oil and gas production for reservoirs in Australia, Canada, India, Poland, Russia, Turkey, the United Kingdom and the United States. Major projects within the past several years have involved evaluating the effects of infill drilling, well spacing, and production optimization on the ultimate recoveries of mature oil and gas fields.

Scheduled: Mexico City, July 20-22, 2015

Course description: This introductory course on Coal Bed Methane (CBM) covers a variety of topics. At the end of the course, attendees will have a general understanding of different aspects of CBM exploration and production. The course is designed for technical and managerial staff members who need to develop a broad understanding of CBM.

Program content:

1. Introduction
2. History
3. Coal fundamentals
    a. Coal type
    b. Coal grade
    c. Coal rank
    d. Chemistry of coal
    e. Thermogenic vs Biogenic gas
4. Coal fractures
5. Coal identification
6. Gas measurements
    a. Gas content
    b. Gas saturation
    c. Coal density
7. Coalbed reservoirs
8. Production and completion methods
9. Appraisal and pilot wells
10. Geomechanical aspects and well stability
11. Water production and administration
12. Coal analogs
13. Exploratory and global geologic framework
14. Practical examples from around the world
    a. Environmental aspects
    b. Data Gathering / Measurements
    c. Estimation of gas volumes and profiles
    d. Practical exercises

To register, send an email to degolyer@demac.com.